

Sebastian Mueller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/313667/publications.pdf>

Version: 2024-02-01

122
papers

5,834
citations

101543

36
h-index

79698

73
g-index

134
all docs

134
docs citations

134
times ranked

6644
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomic Cross-Species Analysis of Chronic Liver Disease Reveals Consistent Regulation Between Humans and Mice. <i>Hepatology Communications</i> , 2022, 6, 161-177.	4.3	24
2	A genetic risk score and diabetes predict development of alcohol-related cirrhosis in drinkers. <i>Journal of Hepatology</i> , 2022, 76, 275-282.	3.7	33
3	Diagnostic challenges in patients with alcohol-related liver disease. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 45-57.	0.5	2
4	Clinical, histological and molecular profiling of different stages of alcohol-related liver disease. <i>Gut</i> , 2022, 71, 1856-1866.	12.1	17
5	Acoustic radiation force impulse to measure liver stiffness and predict hepatic decompensation in pregnancy with cirrhosis: A cohort study. <i>Arab Journal of Gastroenterology</i> , 2022, 23, 89-94.	0.9	2
6	Cell-to-Cell Communications in Alcohol-Associated Liver Disease. <i>Frontiers in Physiology</i> , 2022, 13, 831004.	2.8	9
7	Colocalization analysis of pancreas eQTLs with risk loci from alcoholic and novel non-alcoholic chronic pancreatitis GWAS suggests potential disease causing mechanisms. <i>Pancreatology</i> , 2022, 22, 449-456.	1.1	3
8	The rs429358 Locus in Apolipoprotein E Is Associated With Hepatocellular Carcinoma in Patients With Cirrhosis. <i>Hepatology Communications</i> , 2022, 6, 1213-1226.	4.3	9
9	German Guidelines on Screening, Diagnosis, and Treatment of Alcohol Use Disorders: Update 2021. <i>European Addiction Research</i> , 2022, 28, 309-322.	2.4	8
10	Refining the Baveno VI elastography criteria for the definition of compensated advanced chronic liver disease. <i>Journal of Hepatology</i> , 2021, 74, 1109-1116.	3.7	112
11	Genome-Wide Association Study and Meta-Analysis on Alcohol-Associated Liver Cirrhosis Identifies Genetic Risk Factors. <i>Hepatology</i> , 2021, 73, 1920-1931.	7.3	54
12	Assessment of hepatic steatosis by controlled attenuation parameter using the M and XL probes: an individual patient data meta-analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 185-198.	8.1	130
13	Markers of Intestinal Permeability Are Rapidly Improved by Alcohol Withdrawal in Patients with Alcohol-Related Liver Disease. <i>Nutrients</i> , 2021, 13, 1659.	4.1	18
14	Non-invasive Biomarkers of Liver Inflammation and Cell Death in Response to Alcohol Detoxification. <i>Frontiers in Physiology</i> , 2021, 12, 678118.	2.8	6
15	Development and Validation of a Novel Scoring System for Noninvasive Nonalcoholic Steatohepatitis Detection in Bariatric Patients. <i>Obesity Facts</i> , 2021, 14, 490-500.	3.4	6
16	H2O2-mediated autophagy during ethanol metabolism. <i>Redox Biology</i> , 2021, 46, 102081.	9.0	13
17	Obesity, Diabetes, Coffee, Tea, and Cannabis Use Alter Risk for Alcohol-Related Cirrhosis in 2 Large Cohorts of High-Risk Drinkers. <i>American Journal of Gastroenterology</i> , 2021, 116, 106-115.	0.4	25
18	Direct modulation of hepatocyte hepcidin signaling by iron. <i>World Journal of Hepatology</i> , 2021, 13, 1378-1393.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Bone morphogenetic protein 6â€“mediated crosstalk between endothelial cells and hepatocytes recapitulates the iron-sensing pathway inÂvitro. <i>Journal of Biological Chemistry</i> , 2021, 297, 101378.	3.4	10
20	Serum keratin 19 (CYFRA21-1) links ductular reaction with portal hypertension and outcome of various advanced liver diseases. <i>BMC Medicine</i> , 2020, 18, 336.	5.5	5
21	Response to Dr Braillon. <i>Alcohol and Alcoholism</i> , 2020, 55, 338-338.	1.6	0
22	Alcoholic-Hepatitis, Links to Brain and Microbiome: Mechanisms, Clinical and Experimental Research. <i>Biomedicines</i> , 2020, 8, 63.	3.2	15
23	<p>Prospective Comparison of Transient Elastography Using Two Different Devices: Performance of FibroScan and FibroTouch</p>. <i>Hepatic Medicine: Evidence and Research</i> , 2020, Volume 12, 41-48.	2.5	7
24	CAP: a Novel Era to Better Quantitate Fatty Liver?. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 24, 11-13.	0.9	4
25	Liver Stiffness Measurements in Small Animals. , 2020, , 95-102.		3
26	Clinical Cases: Application and Interpretation of Liver Stiffness. , 2020, , 615-627.		0
27	Adaptation of Liver Stiffness Cutoff Values to Inflammation, Cholestasis, and Congestion. , 2020, , 537-543.		1
28	Role of Sinusoidal Pressure and Arterialization in Driving Fibrosis Progression. , 2020, , 671-683.		2
29	Therapeutic Monitoring of Portal Pressure Lowering Drugs Using Liver Stiffness. , 2020, , 605-614.		0
30	Liver Stiffness and Nutrition. , 2020, , 271-276.		0
31	Liver Stiffness Measurement in Patients with Hepatic Versus Non-hepatic Ascites. , 2020, , 509-516.		0
32	Histological Confounders of Liver Stiffness. , 2020, , 233-242.		4
33	Liver Stiffness Changes in Patients with Established Liver Cirrhosis. , 2020, , 599-603.		0
34	Liver Stiffness and Pregnancy. , 2020, , 307-314.		0
35	Liver Stiffness and Important Clinical Endpoints. , 2020, , 317-323.		0
36	Liver Stiffness as a Predictor for Survival. , 2020, , 383-392.		1

#	ARTICLE	IF	CITATIONS
37	Liver Stiffness in Alcoholic Liver Disease. , 2020, , 141-152.		1
38	Introducing to Liver Stiffness Measurement in Clinical Practice. , 2020, , 471-477.		0
39	Liver Stiffness and Cholestasis. , 2020, , 265-269.		0
40	Spleen Stiffness to Liver Stiffness Ratio and Disease Etiology. , 2020, , 369-374.		0
41	Introduction to Fibrosis Assessment by Liver Stiffness in Different Etiologies. , 2020, , 105-111.		2
42	Genetic Confounders of Liver Stiffness and Controlled Attenuation Parameter. , 2020, , 277-295.		1
43	Susceptibility based multiparametric quantification of liver disease: Non-invasive evaluation of steatosis and iron overload. Magnetic Resonance Imaging, 2019, 63, 114-122.	1.8	11
44	Open-label Study with Nalmefene as Needed Use in Alcohol-Dependent Patients with Evidence of Elevated Liver Stiffness and/or Hepatic Steatosis. Alcohol and Alcoholism, 2019, 55, 63-70.	1.6	11
45	Spleen stiffness to liver stiffness ratio significantly differs between ALD and HCV and predicts disease-specific complications. JHEP Reports, 2019, 1, 99-106.	4.9	31
46	IL-1 beta-mediated macrophage-hepatocyte crosstalk upregulates hepcidin under physiological low oxygen levels. Redox Biology, 2019, 24, 101209.	9.0	21
47	Nuclear Translocation of RELB Is Increased in Diseased Human Liver and Promotes Ductular Reaction and Biliary Fibrosis in Mice. Gastroenterology, 2019, 156, 1190-1205.e14.	1.3	19
48	10. Diagnose, Klinik, nichtinvasive Methoden, Leberbiopsie der alkoholischen Lebererkrankung. , 2019, , 159-178.		0
49	Non-invasive diagnosis and biomarkers in alcohol-related liver disease. Journal of Hepatology, 2019, 70, 273-283.	3.7	111
50	Hypoxia enhances H2O2-mediated upregulation of hepcidin: Evidence for NOX4-mediated iron regulation. Redox Biology, 2018, 16, 1-10.	9.0	25
51	Controlled attenuation parameter and alcoholic hepatic steatosis: Diagnostic accuracy and role of alcohol detoxification. Journal of Hepatology, 2018, 68, 1025-1032.	3.7	75
52	Genome-wide association study identifies inversion in the <i>CTRB1-CTRB2</i> locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. Gut, 2018, 67, 1855-1863.	12.1	97
53	Increase in liver stiffness after transjugular intrahepatic portosystemic shunt is associated with inflammation and predicts mortality. Hepatology, 2018, 67, 1472-1484.	7.3	77
54	Rapid change of liver stiffness after variceal ligation and TIPS implantation. American Journal of Physiology - Renal Physiology, 2018, 314, G179-G187.	3.4	31

#	ARTICLE	IF	CITATIONS
55	Evaluation of laboratory tests for cirrhosis and for alcohol use, in the context of alcoholic cirrhosis. <i>Alcohol</i> , 2018, 66, 1-7.	1.7	13
56	Peroxiredoxin-2: A Novel Regulator of Iron Homeostasis in Ineffective Erythropoiesis. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1-14.	5.4	33
57	Suppressed Fat Mobilization Due to PNPLA3 rs738409 -Associated Liver Damage in Heavy Drinkers: The Liver Damage Feedback Hypothesis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1032, 153-172.	1.6	3
58	Pharmacological decrease of liver stiffness is pressure-related and predicts long-term clinical outcome. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G484-G494.	3.4	29
59	Non-invasive diagnosis of liver fibrosis in patients with alcohol-related liver disease by transient elastography: an individual patient data meta-analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 614-625.	8.1	91
60	Alcoholic liver disease. <i>Nature Reviews Disease Primers</i> , 2018, 4, 16.	30.5	660
61	Liver stiffness reversibly increases during pregnancy and independently predicts preeclampsia. <i>World Journal of Gastroenterology</i> , 2018, 24, 4393-4402.	3.3	31
62	Caspase-cleaved keratin18 fragments increase during alcohol withdrawal and predict liver-related death in patients with alcoholic liver disease. <i>Hepatology</i> , 2017, 66, 96-107.	7.3	59
63	Sensitive and non-invasive assessment of hepatocellular iron using a novel room-temperature susceptometer. <i>Journal of Hepatology</i> , 2017, 67, 535-542.	3.7	13
64	Established Therapies and New Therapeutic Strategies in Alcoholic Liver Disease. , 2017, , 99-127.		0
65	Reply to: "œls room temperature susceptometry really an accurate method to assess hepatocellular iron?" <i>Journal of Hepatology</i> , 2017, 67, 1346-1348.	3.7	0
66	S20-2ALCOHOLIC LIVER DISEASE AND HEPATITIS C. <i>Alcohol and Alcoholism</i> , 2017, 52, i4-i30.	1.6	0
67	Does Hypoxia Cause Carcinogenic Iron Accumulation in Alcoholic Liver Disease (ALD)?. <i>Cancers</i> , 2017, 9, 145.	3.7	17
68	Molecular Mechanisms of Alcohol-Associated Carcinogenesis. , 2016, , 305-314.		3
69	Arterial pressure suffices to increase liver stiffness. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G945-G953.	3.4	34
70	Does pressure cause liver cirrhosis? The sinusoidal pressure hypothesis. <i>World Journal of Gastroenterology</i> , 2016, 22, 10482.	3.3	67
71	Primary liver injury and delayed resolution of liver stiffness after alcohol detoxification in heavy drinkers with the PNPLA3 variant I148M. <i>World Journal of Hepatology</i> , 2016, 8, 1547.	2.0	21
72	Inflammation-adapted liver stiffness values for improved fibrosis staging in patients with hepatitis C virus and alcoholic liver disease. <i>Liver International</i> , 2015, 35, 2514-2521.	3.9	91

#	ARTICLE	IF	CITATIONS
73	The Role of Iron in Alcohol-Mediated Hepatocarcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 89-112.	1.6	33
74	The Role of Oxidative Stress in Hepatocarcinogenesis. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 479-503.	0.4	1
75	Alcoholic liver disease: Clinical and translational research. <i>Experimental and Molecular Pathology</i> , 2015, 99, 596-610.	2.1	36
76	Effect of chronic alcohol consumption on the development and progression of non-alcoholic fatty liver disease (NAFLD). <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 147-51.	1.5	25
77	Detection of carcinogenic etheno-DNA adducts in children and adolescents with non-alcoholic steatohepatitis (NASH). <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 426-35.	1.5	6
78	Imaging in Gastroenterology. <i>Gastroenterology Research and Practice</i> , 2014, 2014, 1-2.	1.5	0
79	Alcoholic and non-alcoholic steatohepatitis. <i>Experimental and Molecular Pathology</i> , 2014, 97, 492-510.	2.1	56
80	Non-invasive diagnosis of alcoholic liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 14626.	3.3	112
81	Association of Liver Stiffness with Hepatic Expression of Pharmacokinetically Important Genes in Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E17-22.	2.4	17
82	Exposing cells to H ₂ O ₂ : A quantitative comparison between continuous low-dose and one-time high-dose treatments. <i>Free Radical Biology and Medicine</i> , 2013, 60, 325-335.	2.9	91
83	Assessment of renal allograft fibrosis by transient elastography. <i>Transplant International</i> , 2013, 26, 545-551.	1.6	58
84	Noninvasive assessment of patients with alcoholic liver disease. <i>Clinical Liver Disease</i> , 2013, 2, 68-71.	2.1	10
85	Direct comparison of the FibroScan XL and M probes for assessment of liver fibrosis in obese and nonobese patients. <i>Hepatic Medicine: Evidence and Research</i> , 2013, 5, 43.	2.5	21
86	Pharmacological blockage of CYP2E1 and alcohol-mediated liver cancer: is the time ready?. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2013, 25, 269-71.	2.2	2
87	Transient elastography with the XL probe rapidly identifies patients with nonhepatic ascites. <i>Hepatic Medicine: Evidence and Research</i> , 2012, 4, 11.	2.5	13
88	Systemic Mastocytosis: A Rare Case of Increased Liver Stiffness. <i>Case Reports in Hepatology</i> , 2012, 2012, 1-6.	0.7	11
89	Siderophore-mediated iron trafficking in humans is regulated by iron. <i>Journal of Molecular Medicine</i> , 2012, 90, 1209-1221.	3.9	26
90	Sustained Submicromolar H ₂ O ₂ Levels Induce Hpcidin via Signal Transducer and Activator of Transcription 3 (STAT3). <i>Journal of Biological Chemistry</i> , 2012, 287, 37472-37482.	3.4	67

#	ARTICLE	IF	CITATIONS
91	Transient micro-elastography: A novel non-invasive approach to measure liver stiffness in mice. <i>World Journal of Gastroenterology</i> , 2011, 17, 968.	3.3	29
92	Hyperferritinaemia-cataract syndrome: Worldwide mutations and phenotype of an increasingly diagnosed genetic disorder. <i>Human Genomics</i> , 2010, 4, 250-62.	2.9	38
93	Liver stiffness: a novel parameter for the diagnosis of liver disease. <i>Hepatic Medicine: Evidence and Research</i> , 2010, 2, 49.	2.5	300
94	Liver stiffness is directly influenced by central venous pressure. <i>Journal of Hepatology</i> , 2010, 52, 206-210.	3.7	469
95	Increased iron in HCV infection: Collateral damage or antiviral defense?. <i>Journal of Hepatology</i> , 2010, 53, 990-992.	3.7	8
96	Increased liver stiffness in alcoholic liver disease: Differentiating fibrosis from steatohepatitis. <i>World Journal of Gastroenterology</i> , 2010, 16, 966.	3.3	201
97	Evaluation of standard liver volume formulae for Chinese adults. <i>World Journal of Gastroenterology</i> , 2009, 15, 3462.	3.3	126
98	Fibroscan® in hepatology: a clinically-validated tool using vibration-controlled transient elastography. , 2009, , .		5
99	Hypoxia-inducible factor 1 α under rapid enzymatic hypoxia: Cells sense decrements of oxygen but not hypoxia per se. <i>Free Radical Biology and Medicine</i> , 2009, 46, 182-191.	2.9	37
100	In vitro-targeted gene identification in patients with hepatitis C using a genome-wide microarray technology. <i>Hepatology</i> , 2009, 49, 378-386.	7.3	19
101	Reply:. <i>Hepatology</i> , 2009, 49, 1053-1053.	7.3	0
102	Ethanol-induced cytochrome P4502E1 causes carcinogenic etheno-DNA lesions in alcoholic liver disease. <i>Hepatology</i> , 2009, 50, 453-461.	7.3	136
103	Current Experimental Perspectives on the Clinical Progression of Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1647-1655.	2.4	50
104	Extrahepatic cholestasis increases liver stiffness (FibroScan) irrespective of fibrosis. <i>Hepatology</i> , 2008, 48, 1718-1723.	7.3	523
105	S2064 Diagnosis of Cirrhosis in Alcoholic Liver Disease (ALD): Is There a Place for Transient Elastography?. <i>Gastroenterology</i> , 2008, 134, A-307-A-308.	1.3	2
106	Liver-homing of purified glucose oxidase: A novel in vivo model of physiological hepatic oxidative stress (H ₂ O ₂). <i>Journal of Hepatology</i> , 2007, 46, 482-491.	3.7	25
107	Sustained Hydrogen Peroxide Induces Iron Uptake by Transferrin Receptor-1 Independent of the Iron Regulatory Protein/Iron-responsive Element Network. <i>Journal of Biological Chemistry</i> , 2007, 282, 20301-20308.	3.4	44
108	Compartment-dependent management of H ₂ O ₂ by peroxisomes. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1119-1129.	2.9	54

#	ARTICLE	IF	CITATIONS
109	Iron, HCV, and Liver Cancer: Hard Metal Setting the Pace?. <i>Gastroenterology</i> , 2006, 130, 2229-2234.	1.3	16
110	Iron regulatory protein 1 as a sensor of reactive oxygen species. <i>BioFactors</i> , 2005, 24, 171-181.	5.4	43
111	Extracellular H ₂ O ₂ and not superoxide determines the compartment-specific activation of transferrin receptor by iron regulatory protein 1. <i>Free Radical Research</i> , 2005, 39, 817-824.	3.3	23
112	Myeloperoxidase-derived Hypochlorous Acid Antagonizes the Oxidative Stress-mediated Activation of Iron Regulatory Protein 1. <i>Journal of Biological Chemistry</i> , 2003, 278, 40542-40549.	3.4	70
113	Sensitive and real-time determination of H ₂ O ₂ release from intact peroxisomes. <i>Biochemical Journal</i> , 2002, 363, 483.	3.7	29
114	Sensitive and real-time determination of H ₂ O ₂ release from intact peroxisomes. <i>Biochemical Journal</i> , 2002, 363, 483-491.	3.7	48
115	[32] Activation of iron regulatory protein-1 by oxidative stress. <i>Methods in Enzymology</i> , 2002, 348, 324-337.	1.0	27
116	IRP1 Activation by Extracellular Oxidative Stress in the Perfused Rat Liver. <i>Journal of Biological Chemistry</i> , 2001, 276, 23192-23196.	3.4	79
117	Sensitive and nonenzymatic measurement of hydrogen peroxide in biological systems. <i>Free Radical Biology and Medicine</i> , 2000, 29, 410-415.	2.9	56
118	Differences in the Regulation of Iron Regulatory Protein-1 (IRP-1) by Extra- and Intracellular Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1997, 272, 9802-9808.	3.4	154
119	Direct Evidence for Catalase as the Predominant H ₂ O ₂ -Removing Enzyme in Human Erythrocytes. <i>Blood</i> , 1997, 90, 4973-4978.	1.4	210
120	Determination of Catalase Activity at Physiological Hydrogen Peroxide Concentrations. <i>Analytical Biochemistry</i> , 1997, 245, 55-60.	2.4	132
121	Direct Evidence for Catalase as the Predominant H ₂ O ₂ -Removing Enzyme in Human Erythrocytes. <i>Blood</i> , 1997, 90, 4973-4978.	1.4	9
122	Are the benefits of beta blockers in cirrhotics only related to decreased portal hypertension?. <i>AME Medical Journal</i> , 0, 2, 91-91.	0.4	1